

**COMBINED DECLARATION AND POWER OF ATTORNEY  
IN ORIGINAL APPLICATION**

ATTORNEY DOCKET NO.

As a below named inventor, I hereby declare that:  
my residence, post office address and citizenship are as stated below next to my name; that  
I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint  
inventor (if plural inventors are named below) of the invention entitled: RADIATION MANUFACTURING  
APPARATUS AND METHOD, A CIP of SN 921268 (10/21/86), a contin. of  
SN 643883 (8/24/84) abandoned, a contin. of SN571188 (4/24/75)

abandoned; a contin. of SN 163203 (7/16/71) abandoned, a contin.  
of SN 849013 (8/11/69) abandoned, a contin. of SN 422875 (11/25/64)  
U.S. Pat. 3,461,347 and a CIP of SN 710,517 (3/5/64), and a CIP of  
SN 501,395 (10/22/65), Pat. 3,371,404 and a CIP of SN 421,897

filed Dec. 29, 1964, Pat. No. 3,504,063.

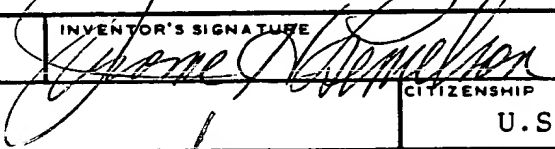
described and claimed in the attached specification, that I understand the content of the attached specification,  
that I do not know and do not believe the same was ever known or used in the United States of America be-  
fore my or our invention thereof, or patented or described in any printed publication in any country before  
my or our invention thereof or more than one year prior to this application, that the same was not in public  
use or on sale in the United States of America more than one year prior to this application, that the invention  
has not been patented or made the subject of an inventor's certificate issued before the date of this applica-  
tion in any country foreign to the United States of America on an application filed by me or my legal repre-  
sentatives or assigns more than twelve months prior to this application, that I acknowledge my duty to dis-  
close information of which I am aware which is material to the examination of this application, and that no  
application for patent or inventor's certificate on this invention has been filed in any country foreign to the  
United States of America prior to this application by me or my legal representatives or assigns, except as  
follows: and I further declare that I have reviewed and understand  
the contents of the specification and claims as filed.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact  
all business in the Patent and Trademark Office connected therewith: Myself

Address all telephone calls to Jerome H. Lemelson at telephone no. 609-683-4444

Address all correspondence to 48 Parkside Drive, Princeton, New Jersey 08540

I hereby declare that all statements made herein of my own knowledge are true and that all statements  
made on information and belief are believed to be true; and further that these statements were made with  
the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or  
both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may  
jeopardize the validity of the application or any patent issued thereon.

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|--|--|--|-----------------------|
| FULL NAME OF SOLE OR FIRST INVENTOR<br><u>Jerome H. Lemelson</u> |  | INVENTOR'S SIGNATURE<br> | DATE<br><u>7/5/89</u> |
| RESIDENCE<br><u>48 Parkside Drive</u>                            |  | CITIZENSHIP<br><u>U.S.A.</u>   |                       |
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| FULL NAME OF SECOND JOINT INVENTOR, IF ANY                       |  | INVENTOR'S SIGNATURE   | DATE                  |
| RESIDENCE  |  | CITIZENSHIP  |                       |
| POST OFFICE ADDRESS  |  |  |                       |
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY                        |  | INVENTOR'S SIGNATURE   | DATE                  |
| RESIDENCE  |  | CITIZENSHIP  |                       |
| POST OFFICE ADDRESS  |  |  |                       |